

**NANJIL CATHOLIC COLLEGE OF ARTS AND SCIENCE
KALIYAKKAVILAI**

FACULTY PROFILE



Name	Dr. T. R. Jeena				
Department	Physics				
Designation	Assistant Professor				
Address	Chundail Veedu Panamugam S.T.Mankad (P.O) Kanyakumari District-629172				
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Academic Qualifications (with Name of Degree awarding university)	Sl. No	Course/Qualification	Board/University	Year	Percentage
	1.	Ph. D	M.S. University, Tirunelveli	2018	-
	2.	M.Sc.,	M.S. University, Tirunelveli	2011	74.38%
	3.	B.Sc.,	M.S. University, Tirunelveli	2009	77.83%
Teaching Experience	Level	Years of Service	Institution		
	UG				
	PG				
	UG & PG	4 months 2 years 10 months	Annai Velankanni College of Arts and Science, Tholayavattam. Nanjil Catholic College of Arts and Science, Kaliyakkavilai.		
Specialization	Nanomaterials				
Publications/ Participation in Seminars/ Conferences etc			International	National	
	No. of Research Papers in Journals		4	-	
	No. of Publications in Conference Proceedings		1	3	
No. of Conferences Participated in		1	6		

	Books	-	-
	Seminars	-	3
	Webinars	2	8
Projects	Nil		
Details of Research Supervision	On going	Completed	
	Nil	Nil	
Honours and Awards	Nil		
Posts held	Nil		
Any other Information	-		

List of Publications:

1. T.R. Jeena, A. Moses Ezhil Raj, M. Bououdina, "Synthesis and Photoluminescent Characteristics of Dy³⁺ Doped Gd₂O₃ Phosphors", Materials Research Express, 4 (2017) 025019, ISSN No.: 2053-1591, Impact Factor: 1.62.
2. T.R. Jeena, A. Moses Ezhil Raj, M. Bououdina, "Effect of Fuels on the Autocombustion Reaction Synthesis of Nanocrystalline Gadolinium Sesquioxide (Gd₂O₃) Powder: Evaluation of Structure, Morphology, Optical and Electrical Properties", Journal of Australian Ceramic Society, 54 (2017) 279, ISSN No.: 2510-1579, Impact Factor: 1.526.
3. T.R. Jeena, A. Moses Ezhil Raj, M. Bououdina, "Rare Earth Yb³⁺ Doped Gd₂O₃ Single Phase Nanophosphors: Structural, Morphological and Photoluminescence Studies", Journal of Nanomaterials and Molecular Nanotechnology, 7(3) (2018), ISSN No.: 2324-8777, Impact Factor: 3.761.
4. M. S. Arul Divya Mary, T. R. Jeena, "Synthesis and Characterization of Pure and Cu²⁺ Doped Zinc Oxide Nanoparticles Using Sol-Gel Method", International Journal of Science and Research, 8(3) (2019) 1246 - 1248, ISSN No.: 2319-7064, Impact Factor: 1.541.

List of Conferences participated:

1. National Conference on Physics of New Materials, NI University, Kumaracoil,

Tamilnadu, India / Sponsored by BRNS, CSIR,2012.

2. National Conference on Recent Advancements in Materials Research, Scott Christian College, Nagercoil, Tamilnadu, India / Sponsored by CSIR, 2012.
3. National Conference on Multifunctional Nanomaterials and Nanocomposites, Department of Nanoscience and Technology, Bharathiar University, Coimbatore, Tamilnadu, India, 2013.
4. National Conference on Materials and Nanomaterials, St. Xavier's College, Palayamkottai, Tamilnadu, India / Sponsored by CSIR & UGC, 2013.
5. National Conference on Innovative Trends in Material Science (ITMS 2013), Arignar Anna College, Aralvoymoli, Tamilnadu, India / Sponsored by UGC, 2013.
6. Indo-German Conference on LASER application and Nanoscience, Muscott Hotel, Thiruvananthapuram, Kerala, India / Organized by Ramanujam Institute of Basic Sciences, KSCSTE, Goethe-Zentrum, Deutsche Forschungs Gemeinschaft (DFG), 2013.
7. National Conference on Future Prospects in Multi-Disciplinary Research, Women's Christian College, Nagercoil, Tamilnadu, India, 2014.

List of Seminars participated:

1. UGC Sponsored National Seminar on Advanced method of Preparation and Characterization of Newer Materials, Holy Cross College (Autonomous), Nagercoil, Tamilnadu, India, 2012.
2. Material Science in Research and Technology, Annai Velankanni College, Tholayavattam, Tamilnadu, India, 2013.
3. E. James R. Daniel Endowment: Fifth Inter-Collegiate Seminar, Organized by Scott Alumni Association and Department of Physics & Research Centre, Scott Christian College (Autonomous), Nagercoil, Tamilnadu, India, 2014.